

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-002	3/3/2016 10:12	58.7	39.5	0.1	1.7	119.9		29	29	-0.8	-0.8	-10.9
GEW-002	3/7/2016 13:38	56.5	41.6	0.0	1.9	119.4		41	41	-0.6	-0.6	-11.5
GEW-002	3/7/2016 13:42	56.9	41.0	0.0	2.1	120.2		16	16	-0.2	-0.2	-12.0
GEW-002	3/18/2016 10:36	42.9	34.9	0.8	21.4	122.1		38	40	-3.8	-3.8	-6.9
GEW-002	3/18/2016 10:37	38.9	35.7	1.4	24.0	121.0		0	0	-2.6	-2.6	-10.5
GEW-002	3/22/2016 14:05	56.0	39.5	0.0	4.5	123.4		0	0	1.2	1.2	-8.0
GEW-002	3/22/2016 14:06	53.8	43.1	0.0	3.1	123.9		0	0	1.2	1.1	-8.3
GEW-002	3/28/2016 10:34	56.7	39.1	0.0	4.2	124.2		17	14	-0.3	-0.3	-10.1
GEW-002	3/28/2016 10:36	53.1	41.6	0.0	5.3	121.8		21	20	-0.5	-0.5	-10.3
GEW-003	3/3/2016 10:16	56.3	39.1	0.1	4.5	109.5		11	13	-0.5	-0.5	-10.6
GEW-003	3/7/2016 13:47	54.3	40.8	0.0	4.9	112.5		13	13	0.2	0.2	-12.0
GEW-003	3/7/2016 13:51	55.3	39.7	0.0	5.0	115.2		0	0	0.0	0.0	-11.1
GEW-003	3/18/2016 10:40	49.3	35.6	0.0	15.1	112.8		48	48	-4.6	-4.6	-8.8
GEW-003	3/18/2016 10:41	45.3	36.9	0.6	17.2	108.1		0	0	-3.2	-3.2	-10.1
GEW-003	3/22/2016 14:09	52.6	42.2	0.0	5.2	77.1		6	6	1.4	1.4	-8.1
GEW-003	3/22/2016 14:10	54.7	42.1	0.0	3.2	77.5		8	8	1.5	1.4	-7.9
GEW-003	3/28/2016 10:39	55.5	41.1	0.0	3.4	83.3		0	0	-0.1	-0.1	-9.7
GEW-003	3/28/2016 10:40	55.6	41.9	0.0	2.5	97.4		34	33	-0.2	-0.2	-10.1
GEW-004	3/3/2016 10:18	56.3	39.9	0.1	3.7	105.9		11	8	-0.5	-0.5	-10.6
GEW-004	3/7/2016 14:03	55.7	41.5	0.0	2.8	110.6		0	0	0.2	0.2	-11.8
GEW-004	3/7/2016 14:08	55.7	41.5	0.0	2.8	110.9		15	15	0.1	0.1	-11.8
GEW-004	3/18/2016 10:49	50.0	35.1	0.0	14.9	116.5		9	9	-2.0	-2.0	-10.8
GEW-004	3/22/2016 14:12	52.5	41.2	0.0	6.3	106.5		21	22	1.3	1.3	-7.7
GEW-004	3/22/2016 14:13	52.3	41.2	0.0	6.5	106.5		30	30	1.3	1.3	-7.5
GEW-004	3/28/2016 10:44	51.7	40.7	0.0	7.6	110.2		34	35	-0.3	-0.3	-9.7
GEW-005	3/3/2016 10:33	43.3	36.0	0.1	20.6	94.0		0	0	-0.5	-0.5	-11.2
GEW-005	3/7/2016 14:30	53.1	38.4	0.0	8.5	89.9		27	26	0.2	0.2	-11.3
GEW-005	3/7/2016 14:34	53.6	36.2	0.0	10.2	89.9		0	0	0.2	0.2	-11.3
GEW-005	3/18/2016 10:55	38.5	34.4	0.0	27.1	87.2		10	14	-1.2	-1.2	-12.8
GEW-005	3/18/2016 10:55	40.9	34.4	0.0	24.7	86.0		0	0	-1.1	-1.1	-13.3
GEW-005	3/22/2016 15:15	52.1	40.9	0.0	7.0	87.0		4	4	0.9	0.8	-10.5
GEW-005	3/22/2016 15:15	53.8	40.5	0.0	5.7	92.4		37	38	0.8	0.7	-10.4
GEW-005	3/28/2016 10:58	48.0	37.8	0.0	14.2	91.0		28	27	-0.2	-0.2	-9.3
GEW-006	3/3/2016 10:42	49.5	37.8	0.1	12.6	89.0		0	0	-0.5	-0.5	-11.5
GEW-006	3/7/2016 15:11	55.5	38.6	0.0	5.9	89.9		8	11	0.2	0.2	-10.3
GEW-006	3/7/2016 15:15	56.1	37.9	0.0	6.0	91.1		20	22	0.0	0.1	-10.2
GEW-006	3/18/2016 11:00	44.9	35.6	0.1	19.4	86.7		0	0	-0.8	-0.8	-12.1
GEW-006	3/22/2016 15:22	55.5	39.9	0.0	4.6	84.2		0	0	0.9	0.9	-9.8
GEW-006	3/22/2016 15:23	55.8	39.4	0.0	4.8	88.3		19	17	0.7	0.7	-10.3
GEW-006	3/28/2016 11:04	50.7	37.5	0.0	11.8	83.2		12	9	-0.3	-0.3	-10.1
GEW-007	3/3/2016 13:25	58.5	39.6	0.1	1.8	87.4		31	30	-0.3	-0.2	-12.2
GEW-007	3/7/2016 13:48	58.3	39.4	0.0	2.3	91.3		0	0	0.2	0.2	-11.9

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-007	3/7/2016 13:59	58.1	39.2	0.1	2.6	92.1		31	31	-0.2	-0.2	-11.7
GEW-007	3/18/2016 11:39	52.2	44.4	0.0	3.4	89.9		0	0	-1.2	-1.2	-12.8
GEW-007	3/24/2016 9:18	53.7	42.8	0.0	3.5	88.4		28	28	-0.7	-0.7	-11.6
GEW-007	3/29/2016 9:44	57.0	40.5	0.0	2.5	87.0		5	10	-0.9	-0.9	-9.7
GEW-008	3/3/2016 13:49	51.4	45.0	0.2	3.4	112.2		18	15	-0.5	-0.5	-11.9
GEW-008	3/7/2016 14:05	51.1	43.7	0.0	5.2	113.0		14	18	-0.4	-0.4	-11.6
GEW-008	3/7/2016 14:12	50.6	43.7	0.1	5.6	113.0		20	18	-0.4	-0.4	-11.3
GEW-008	3/18/2016 11:36	51.1	42.4	0.0	6.5	112.1		14	16	-0.7	-0.6	-12.2
GEW-008	3/24/2016 9:13	50.2	45.3	0.0	4.5	113.2		18	17	-0.6	-0.6	-11.2
GEW-008	3/29/2016 9:40	52.1	43.4	0.0	4.5	113.0		16	16	-0.5	-0.5	-9.7
GEW-009	3/3/2016 13:52	51.9	44.1	0.2	3.8	125.1		29	30	0.0	0.0	-22.6
GEW-009	3/7/2016 14:16	53.8	41.9	0.0	4.3	126.4		38	36	0.0	0.0	-22.5
GEW-009	3/7/2016 14:22	53.9	40.8	0.1	5.2	126.0		9	10	0.1	0.1	-22.1
GEW-009	3/18/2016 11:33	48.6	48.1	0.0	3.3	124.3		29	29	0.0	0.0	-22.8
GEW-009	3/24/2016 9:09	53.4	39.2	0.0	7.4	126.4		12	13	-0.1	-0.1	-17.5
GEW-009	3/29/2016 9:37	54.9	42.0	0.0	3.1	124.8		14	14	0.0	0.0	-17.1
GEW-010	3/3/2016 14:23	39.0	45.8	0.5	14.7	79.9		3	2	-17.7	-17.7	-17.9
GEW-010	3/3/2016 14:29	40.6	47.7	0.4	11.3	85.5		5	3	-22.5	-22.2	-23.2
GEW-010	3/7/2016 16:42	40.0	49.1	0.6	10.3	94.6		2	3	-22.1	-22.1	-22.4
GEW-010	3/18/2016 11:31	38.4	46.8	0.6	14.2	81.9		5	4	-22.0	-22.0	-22.8
GEW-010	3/23/2016 15:54	40.2	48.3	0.6	10.9	88.8		5	3	-17.1	-17.0	-17.2
GEW-010	3/29/2016 11:14	38.2	48.1	0.4	13.3	82.6		4	0	-17.2	-17.3	-17.5
GEW-013A	3/25/2016 11:20	6.3	46.5	6.2	41.0	152.2				-6.1	-6.1	-8.2
GEW-013A	3/25/2016 11:21	6.2	47.3	6.3	40.2	152.1				-6.1	-5.4	-8.4
GEW-022R	3/9/2016 9:33	0.7	66.9	0.0	32.4	193.1				-21.2	-20.8	-21.0
GEW-022R	3/9/2016 9:37	0.6	65.1	0.0	34.3	193.1				-21.2	-20.8	-20.6
GEW-028R	3/9/2016 9:55	0.1	63.5	0.1	36.3	191.9				-18.8	-18.4	-18.6
GEW-028R	3/9/2016 9:58	0.1	60.9	0.1	38.9	192.1				-18.7	-17.9	-18.2
GEW-038	3/3/2016 9:19	0.5	54.1	6.1	39.3	44.1		18	11	-7.9	-7.9	-7.9
GEW-038	3/3/2016 9:26	0.9	35.1	9.9	54.1	44.3		10	14	-6.4	-6.4	-7.6
GEW-038	3/7/2016 17:07	0.6	56.9	2.5	40.0	76.1		10	10	-0.9	-0.9	-21.8
GEW-038	3/18/2016 11:24	9.5	41.2	6.2	43.1	61.4		13	14	-0.7	-0.8	-21.7
GEW-038	3/18/2016 11:24	3.2	45.8	5.9	45.1	61.3		9	9	-0.5	-0.5	-21.0
GEW-038	3/23/2016 15:39	1.5	47.9	4.5	46.1	79.5		4	4	-5.9	-5.9	-16.1
GEW-038	3/29/2016 11:23	4.5	41.5	11.5	42.5	63.9		13	12	-3.9	-4.0	-17.8
GEW-038	3/29/2016 11:23	1.4	36.2	11.5	50.9	64.1		12	12	-4.1	-4.1	-17.1
GEW-039	3/3/2016 9:31	39.5	51.8	0.1	8.6	130.9				-0.2	-0.2	-18.8
GEW-039	3/3/2016 9:36	41.5	51.2	0.0	7.3	130.8				-0.2	-0.2	-16.4
GEW-039	3/7/2016 17:10	29.7	56.0	0.1	14.2	133.4				-0.2	-0.2	-19.5
GEW-039	3/7/2016 17:10	39.8	51.7	0.1	8.4	133.4				-0.2	-0.3	-20.3
GEW-039	3/18/2016 11:20	41.4	53.1	0.0	5.5	128.7				-0.2	-0.2	-18.3
GEW-039	3/23/2016 15:42	38.6	56.2	0.2	5.0	132.1				0.1	0.1	-13.8

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-039	3/23/2016 15:44	39.0	54.9	0.2	5.9	132.7				0.0	-0.1	-13.4
GEW-039	3/29/2016 11:18	39.9	52.6	0.0	7.5	125.0				-0.1	-0.1	-13.9
GEW-040	3/3/2016 7:57	60.6	38.4	0.0	1.0	84.5		37	37	-0.4	-0.4	-10.8
GEW-040	3/7/2016 8:59	58.0	41.7	0.0	0.3	87.1		10	10	-0.5	-0.4	-12.7
GEW-040	3/7/2016 9:04	58.2	39.7	0.0	2.1	87.3		45	45	-0.5	-0.5	-12.2
GEW-040	3/18/2016 10:06	57.9	36.5	0.0	5.6	84.5		36	36	-0.2	-0.2	-9.7
GEW-040	3/22/2016 9:26	62.2	35.5	0.0	2.3	84.5		15	15	-0.1	-0.1	-8.7
GEW-040	3/28/2016 9:23	58.0	40.1	0.0	1.9	84.7		31	32	-0.2	-0.2	-9.7
GEW-040	3/28/2016 9:24	57.4	40.6	0.0	2.0	87.0		33	34	-0.7	-0.6	-9.9
GEW-041R	3/3/2016 8:11	60.7	38.6	0.0	0.7	103.0		32	36	0.0	0.0	-9.8
GEW-041R	3/7/2016 9:24	57.3	40.6	0.1	2.0	104.7		10	17	-0.2	-0.2	-11.9
GEW-041R	3/7/2016 9:27	57.6	39.9	0.1	2.4	104.5		16	16	-0.3	-0.3	-12.2
GEW-041R	3/18/2016 10:12	56.8	36.5	0.0	6.7	103.9		15	15	-0.1	-0.1	-10.0
GEW-041R	3/22/2016 9:31	49.0	37.8	0.2	13.0	109.0		30	42	-1.9	-1.9	-7.5
GEW-041R	3/22/2016 9:32	48.0	37.9	0.3	13.8	108.7		0	0	-1.2	-1.2	-8.2
GEW-041R	3/28/2016 9:35	46.9	37.8	0.2	15.1	107.5		21	16	-1.1	-1.1	-6.4
GEW-041R	3/28/2016 9:36	46.5	38.1	0.3	15.1	106.7		0	24	-0.9	-0.9	-7.9
GEW-042R	3/3/2016 8:16	58.0	40.3	0.0	1.7	104.3		11	17	-0.2	-0.2	-1.1
GEW-042R	3/7/2016 9:33	55.3	42.7	0.0	2.0	107.0		12	12	-1.3	-1.3	-4.7
GEW-042R	3/7/2016 9:37	57.0	41.0	0.0	2.0	107.0		15	15	-1.3	-1.3	-4.5
GEW-042R	3/18/2016 10:15	55.9	38.7	0.0	5.4	101.4		14	12	-1.2	-1.2	-3.4
GEW-042R	3/22/2016 9:36	55.5	38.2	0.0	6.3	81.0		31	32	-0.2	-0.2	-0.2
GEW-042R	3/28/2016 10:06	52.6	39.6	0.0	7.8	110.0		0	14	-1.4	-1.4	-2.0
GEW-043R	3/3/2016 8:23	57.0	41.5	0.0	1.5	133.3		41	46	-0.1	-0.2	-10.2
GEW-043R	3/3/2016 8:24	55.9	42.8	0.0	1.3	134.0		21	21	0.0	0.0	-9.9
GEW-043R	3/7/2016 9:46	54.9	43.0	0.0	2.1	134.3		41	41	-0.1	-0.1	-12.8
GEW-043R	3/7/2016 9:50	55.7	41.0	0.0	3.3	134.0		27	28	-0.1	-0.1	-12.2
GEW-043R	3/18/2016 10:18	54.7	40.1	0.0	5.2	124.0		18	18	-0.6	-0.6	-8.0
GEW-043R	3/22/2016 9:42	55.3	40.2	0.1	4.4	124.5		35	34	-1.8	-1.7	-9.1
GEW-043R	3/28/2016 10:10	54.6	40.8	0.0	4.6	130.6		51	48	-2.2	-2.2	-10.4
GEW-044	3/3/2016 8:31	58.1	40.8	0.0	1.1	72.9		9	7	-0.1	-0.1	-3.4
GEW-044	3/7/2016 9:58	57.7	40.5	0.0	1.8	85.3		0	11	-0.6	-0.6	-6.4
GEW-044	3/7/2016 10:03	57.9	40.7	0.0	1.4	85.1		29	28	-0.6	-0.6	-5.9
GEW-044	3/18/2016 10:21	51.2	39.9	0.0	8.9	79.9		14	11	-1.0	-1.0	-4.5
GEW-044	3/22/2016 9:47	54.1	39.8	0.0	6.1	76.2		15	16	0.0	0.0	-2.3
GEW-044	3/22/2016 9:48	53.4	40.0	0.0	6.6	76.4		0	0	0.0	0.0	-2.3
GEW-044	3/28/2016 10:14	43.1	37.9	0.0	19.0	79.5		26	26	-0.9	-0.9	-4.0
GEW-044	3/28/2016 10:15	42.8	37.9	0.0	19.3	80.0		37	38	-0.9	-0.9	-3.6
GEW-045R	3/3/2016 8:38	57.1	41.1	0.0	1.8	82.3		10	10	-0.2	-0.2	-10.1
GEW-045R	3/7/2016 10:17	57.8	40.5	0.0	1.7	83.8		9	9	-2.6	-2.6	-12.4
GEW-045R	3/7/2016 10:20	58.2	38.0	0.0	3.8	84.3		13	13	-2.6	-2.6	-11.7
GEW-045R	3/22/2016 10:02	55.1	39.0	0.6	5.3	84.7		9	9	-9.4	-9.1	-8.9

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-045R	3/22/2016 10:03	57.1	38.3	0.3	4.3	82.5		12	12	-2.1	-2.1	-8.9
GEW-045R	3/28/2016 10:18	54.1	41.2	0.0	4.7	69.2		10	10	1.6	1.6	-9.9
GEW-045R	3/28/2016 10:19	53.8	42.1	0.0	4.1	72.9		11	11	0.2	0.2	-10.1
GEW-046R	3/3/2016 8:51	55.3	40.7	0.0	4.0	93.8		0	0	-0.4	-0.4	-10.6
GEW-046R	3/7/2016 10:26	54.6	40.2	0.0	5.2	95.2		32	32	-0.4	-0.4	-11.9
GEW-046R	3/7/2016 10:29	55.2	39.8	0.0	5.0	95.2		40	41	-0.5	-0.5	-12.4
GEW-046R	3/18/2016 10:23	50.4	39.5	0.0	10.1	85.7		11	8	-1.2	-1.3	-10.3
GEW-046R	3/22/2016 13:46	54.4	39.7	0.0	5.9	98.4		0	0	0.5	0.5	-8.1
GEW-046R	3/22/2016 13:47	53.9	40.0	0.0	6.1	99.6		13	12	0.4	0.4	-8.2
GEW-046R	3/28/2016 10:23	51.3	40.1	0.0	8.6	97.4		0	0	-0.8	-0.8	-10.1
GEW-047R	3/3/2016 10:26	47.0	37.0	0.3	15.7	111.1		0	0	-0.7	-0.7	-10.9
GEW-047R	3/7/2016 14:15	51.6	40.0	0.0	8.4	110.0		3	3	0.2	0.2	-11.6
GEW-047R	3/7/2016 14:22	50.8	37.1	0.0	12.1	115.2		37	38	0.0	0.0	-11.3
GEW-047R	3/18/2016 10:52	38.5	34.7	0.0	26.8	111.1		72	79	-4.7	-4.7	-10.5
GEW-047R	3/18/2016 10:52	38.4	34.7	0.0	26.9	108.8		0	7	-1.9	-1.9	-12.7
GEW-047R	3/22/2016 15:11	53.8	40.4	0.0	5.8	110.8		0	0	0.8	0.7	-10.6
GEW-047R	3/22/2016 15:12	53.2	41.4	0.0	5.4	112.5		0	0	0.7	0.7	-10.7
GEW-047R	3/28/2016 10:52	44.3	37.5	0.3	17.9	107.3		10	11	-0.2	-0.3	-9.6
GEW-048	3/3/2016 10:38	55.2	38.8	0.1	5.9	102.3		30	30	-0.5	-0.5	-7.3
GEW-048	3/7/2016 15:03	57.3	40.0	0.0	2.7	102.1		0	0	0.1	0.1	-9.6
GEW-048	3/7/2016 15:07	57.3	39.8	0.0	2.9	103.5		0	0	0.1	0.1	-5.6
GEW-048	3/18/2016 10:57	53.9	37.0	0.0	9.1	103.4		32	30	-1.3	-1.3	-12.0
GEW-048	3/22/2016 15:18	56.0	39.8	0.0	4.2	104.3		0	0	0.7	0.7	-8.8
GEW-048	3/22/2016 15:19	56.4	40.7	0.0	2.9	106.0		0	0	0.6	0.6	-8.9
GEW-048	3/28/2016 11:01	53.3	38.3	0.0	8.4	103.1		17	18	-0.5	-0.5	-7.8
GEW-049	3/3/2016 10:53	52.8	35.8	0.1	11.3	107.9		0	0	-0.3	-0.3	-4.5
GEW-049	3/7/2016 15:30	56.7	38.8	0.1	4.4	109.9		35	35	0.1	0.1	-4.4
GEW-049	3/7/2016 15:39	56.4	37.7	0.1	5.8	109.7		13	13	0.0	0.0	-3.8
GEW-049	3/18/2016 11:08	44.2	34.6	0.5	20.7	106.9		0	0	-1.0	-1.0	-10.8
GEW-049	3/22/2016 15:39	55.5	40.8	0.0	3.7	109.8		0	0	0.6	0.6	-3.7
GEW-049	3/22/2016 15:40	56.0	41.2	0.0	2.8	116.4		0	0	0.2	0.2	-3.6
GEW-049	3/28/2016 11:17	46.0	36.2	0.1	17.7	107.0		14	13	-0.5	-0.5	-4.5
GEW-050	3/3/2016 13:19	57.4	39.2	0.2	3.2	105.6		29	31	-0.1	-0.1	-4.7
GEW-050	3/7/2016 15:22	57.3	38.0	0.0	4.7	106.3		30	32	0.1	0.1	-3.9
GEW-050	3/7/2016 15:26	56.9	39.0	0.0	4.1	106.5		16	14	0.0	0.0	-5.3
GEW-050	3/18/2016 11:03	51.8	37.7	0.0	10.5	106.5		19	20	-1.2	-1.2	-11.5
GEW-050	3/22/2016 15:26	55.9	39.0	0.0	5.1	107.5		18	18	0.8	0.7	-3.1
GEW-050	3/22/2016 15:27	55.6	39.9	0.0	4.5	108.5		16	19	0.7	0.6	-5.2
GEW-050	3/28/2016 11:07	54.1	38.2	0.0	7.7	106.0		14	15	-0.4	-0.4	-4.9
GEW-050	3/28/2016 11:08	54.0	38.7	0.0	7.3	107.5		38	38	-0.6	-0.5	-4.2
GEW-051	3/3/2016 10:55	54.5	36.1	0.1	9.3	122.6		17	17	-0.1	-0.1	-12.0
GEW-051	3/7/2016 15:20	55.3	40.0	0.1	4.6	123.5		0	0	0.4	0.5	-10.2

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-051	3/7/2016 15:26	55.3	40.8	0.1	3.8	124.0		19	19	0.0	0.0	-9.9
GEW-051	3/18/2016 11:10	54.6	37.9	0.0	7.5	124.9		13	13	-0.8	-0.8	-13.5
GEW-051	3/22/2016 15:35	54.1	39.8	0.0	6.1	127.8		14	13	0.8	0.8	-9.8
GEW-051	3/22/2016 15:36	54.4	41.5	0.0	4.1	128.9		13	17	0.8	0.8	-10.2
GEW-051	3/29/2016 9:17	56.9	40.0	0.0	3.1	125.0		16	17	-0.6	-0.6	-9.7
GEW-051	3/29/2016 9:19	55.7	41.2	0.0	3.1	127.2		29	24	-1.0	-1.0	-9.3
GEW-052	3/3/2016 13:22	52.1	36.8	0.1	11.0	114.0		35	34	-0.2	-0.1	-11.8
GEW-052	3/7/2016 15:57	53.2	37.6	0.1	9.1	114.7		39	38	-0.1	-0.1	-10.0
GEW-052	3/7/2016 16:02	52.8	37.3	0.1	9.8	114.9		14	11	0.0	0.0	-10.3
GEW-052	3/18/2016 11:05	49.8	37.3	0.0	12.9	111.1		9	9	-0.4	-0.4	-12.8
GEW-052	3/22/2016 15:30	54.9	39.8	0.0	5.3	117.3		0	0	0.3	0.3	-10.1
GEW-052	3/22/2016 15:30	54.7	40.4	0.0	4.9	117.4		0	0	0.3	0.3	-10.6
GEW-052	3/28/2016 11:12	50.3	37.0	0.0	12.7	112.5		30	31	-0.2	-0.2	-9.0
GEW-053	3/3/2016 11:22	52.2	41.7	0.1	6.0	136.6		12	13	-0.1	-0.1	-12.4
GEW-053	3/3/2016 11:22	51.1	42.7	0.1	6.1	136.9		12	13	-0.1	-0.1	-12.4
GEW-053	3/7/2016 15:08	50.6	41.7	0.1	7.6	137.0		0	0	0.4	0.4	-10.6
GEW-053	3/7/2016 15:14	51.1	41.0	0.1	7.8	140.0		0	0	0.0	-0.1	-10.5
GEW-053	3/18/2016 11:12	51.5	40.0	0.2	8.3	56.4		10	10	-0.1	-0.1	-14.6
GEW-053	3/24/2016 10:13	51.7	38.1	0.0	10.2	128.0		10	6	-0.4	-0.4	-11.7
GEW-054	3/3/2016 11:27	55.6	38.4	0.1	5.9	146.6		20	19	0.1	0.1	-11.7
GEW-054	3/3/2016 11:28	54.0	41.3	0.1	4.6	147.0		20	20	-0.1	-0.1	-11.5
GEW-054	3/7/2016 14:45	52.5	41.3	0.1	6.1	144.7		18	18	-0.1	-0.1	-11.0
GEW-054	3/7/2016 14:52	52.8	41.4	0.1	5.7	144.3		16	19	-0.1	-0.1	-10.6
GEW-054	3/18/2016 11:14	50.8	41.9	0.0	7.3	147.7		51	48	-4.1	-4.2	-12.1
GEW-054	3/18/2016 11:15	51.6	42.8	0.0	5.6	146.6		18	18	-1.9	-1.9	-14.3
GEW-054	3/29/2016 9:30	54.4	40.1	0.0	5.5	147.2		40	39	-2.9	-2.9	-8.4
GEW-054	3/29/2016 9:31	52.2	42.2	0.0	5.6	147.0		33	35	-2.2	-2.1	-9.0
GEW-055	3/3/2016 11:35	54.8	41.4	0.1	3.7	121.8		0	0	-0.3	-0.3	-11.6
GEW-055	3/7/2016 14:29	54.1	41.5	0.1	4.3	123.7		0	0	-0.2	-0.2	-11.2
GEW-055	3/7/2016 14:34	54.2	41.2	0.1	4.5	123.7		0	0	-0.1	-0.1	-11.2
GEW-055	3/18/2016 11:17	51.7	42.8	0.0	5.5	123.7		9	9	-0.7	-0.7	-14.6
GEW-055	3/24/2016 9:06	57.0	36.3	0.1	6.6	125.8		22	23	-0.6	-0.6	-11.0
GEW-055	3/29/2016 9:34	53.6	42.0	0.0	4.4	124.7		35	35	-0.5	-0.5	-9.7
GEW-056R	3/3/2016 13:59	18.6	35.8	0.0	45.6	158.8				-5.4	-5.4	-18.2
GEW-056R	3/3/2016 14:05	17.8	36.7	0.0	45.5	130.5				0.5	0.5	0.9
GEW-056R	3/7/2016 16:36	18.5	39.1	0.2	42.2	157.0				-6.0	-5.9	-21.8
GEW-056R	3/7/2016 16:37	20.2	38.7	0.1	41.0	157.0				-5.9	-5.9	-15.6
GEW-056R	3/18/2016 11:26	11.4	46.9	0.2	41.5	156.6				-5.5	-5.5	-19.8
GEW-056R	3/18/2016 11:27	13.9	43.6	0.2	42.3	156.6				-5.5	-5.5	-17.4
GEW-056R	3/23/2016 15:50	14.6	46.0	0.3	39.1	156.6				-4.0	-4.0	-12.2
GEW-056R	3/23/2016 15:51	17.2	42.5	0.2	40.1	156.6				-4.0	-4.0	-12.3
GEW-056R	3/29/2016 11:08	15.4	39.7	0.1	44.8	154.8				-3.9	-4.0	-12.4

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-056R	3/29/2016 11:09	14.4	43.1	0.1	42.4	155.2				-3.9	-3.8	-10.9
GEW-057B	3/25/2016 11:07	0.5	58.1	0.3	41.1	113.0				-15.7	-15.9	-15.1
GEW-057R	3/9/2016 10:08	0.4	15.7	17.4	66.5	148.9				-14.4	-12.0	-13.8
GEW-057R	3/9/2016 10:09	0.4	14.6	17.1	67.9	148.9				-14.5	-14.9	-14.7
GEW-058	3/9/2016 10:13	4.2	38.4	8.2	49.2	177.2				-21.7	-21.7	-22.3
GEW-058	3/9/2016 10:14	4.8	37.1	7.8	50.3	176.2				-21.2	-20.8	-22.1
GEW-058A	3/9/2016 10:16	0.8	48.7	3.9	46.6	151.4				-13.5	-14.4	-13.8
GEW-058A	3/9/2016 10:20	0.6	46.5	4.2	48.7	154.5				-13.9	-14.0	-14.8
GEW-059R	3/9/2016 10:26	1.4	53.4	0.2	45.0	189.1				-7.1	-7.1	0.1
GEW-059R	3/9/2016 10:30	1.4	56.7	0.2	41.7	189.1				-8.1	-8.1	0.2
GEW-065A	3/9/2016 10:35	0.3	28.4	15.9	55.4	96.1				-20.3	-19.7	-21.0
GEW-065A	3/9/2016 10:35	0.2	21.4	16.4	62.0	95.8				-19.8	-19.8	-20.6
GEW-067A	3/25/2016 11:12	3.2	36.8	11.1	48.9	122.9				-2.8	-2.7	-10.4
GEW-067A	3/25/2016 11:14	3.4	34.3	11.0	51.3	125.0		19	18	-1.1	-1.3	-14.6
GEW-082R	3/9/2016 10:45	0.9	58.8	0.2	40.1	196.3				-17.4	-18.3	-17.2
GEW-082R	3/9/2016 10:48	0.8	56.1	0.2	42.9	196.5				-16.9	-16.9	-17.1
GEW-086	3/9/2016 11:04	6.7	28.3	11.2	53.8	84.1				-0.2	-0.2	-16.6
GEW-086	3/9/2016 11:04	7.1	26.4	11.3	55.2	80.4				-0.2	-0.2	-17.3
GEW-089	3/9/2016 11:22	2.9	17.4	17.6	62.1	74.8				-4.4	-4.3	-13.5
GEW-089	3/9/2016 11:23	2.5	13.1	18.2	66.2	74.3		6	0	-4.2	-4.4	-17.1
GEW-090	3/9/2016 11:48	8.7	54.6	0.3	36.4	183.5				-14.5	-14.5	-21.0
GEW-090	3/9/2016 11:52	8.1	49.0	0.2	42.7	183.5		41	42	-15.5	-15.5	-20.6
GEW-102	3/9/2016 12:05	1.9	59.4	0.2	38.5	184.1				-20.8	-20.8	-20.6
GEW-102	3/9/2016 12:09	1.6	57.7	0.2	40.5	184.1				-20.8	-20.8	-21.0
GEW-107	3/9/2016 12:27	0.8	28.4	15.2	55.6	69.2				-20.8	-20.8	-21.5
GEW-107	3/9/2016 12:28	1.2	29.7	7.2	61.9	69.5		4	4	-22.2	-22.3	-22.0
GEW-109	3/3/2016 9:39	15.2	51.2	0.0	33.6	81.3		3	4	-16.8	-17.0	-18.1
GEW-109	3/3/2016 9:45	14.0	49.8	0.1	36.1	83.7		3	3	-17.7	-17.7	-18.3
GEW-109	3/7/2016 17:14	13.3	49.9	0.1	36.7	117.0		4	1	-17.9	-17.8	-20.2
GEW-109	3/18/2016 11:22	15.3	41.2	1.3	42.2	90.7		2	2	-17.6	-17.6	-18.2
GEW-109	3/23/2016 15:47	13.8	48.8	0.2	37.2	93.4		4	5	-12.3	-12.3	-14.2
GEW-109	3/29/2016 11:21	13.8	51.9	0.0	34.3	82.6		2	2	-13.1	-13.1	-14.8
GEW-110	3/3/2016 14:35	2.9	37.9	8.7	50.5	91.8		6	3	0.0	0.0	-22.2
GEW-110	3/3/2016 14:44	2.6	34.6	10.1	52.7	92.1		3	5	0.0	0.0	-24.5
GEW-110	3/7/2016 16:45	4.2	36.1	8.8	50.9	97.3		7	6	-0.1	-0.1	-22.0
GEW-110	3/7/2016 16:46	3.1	36.8	8.7	51.4	97.5		4	4	-0.1	-0.1	-22.1
GEW-110	3/18/2016 11:29	10.2	35.5	11.7	42.6	64.1		6	6	-0.1	-0.1	-22.6
GEW-110	3/18/2016 11:29	8.9	31.3	11.8	48.0	64.1		6	5	0.0	-0.1	-22.9
GEW-110	3/23/2016 15:57	4.0	51.8	2.7	41.5	101.1		3	2	0.0	0.0	-17.6
GEW-110	3/29/2016 11:11	8.1	38.5	8.5	44.9	71.4		6	4	0.0	0.0	-15.6
GEW-110	3/29/2016 11:12	6.2	35.2	8.9	49.7	71.4		4	3	-0.1	-0.1	-14.9
GEW-116	3/9/2016 12:22	2.7	44.3	12.9	40.1	71.0		7	7	-7.1	-7.1	-19.6

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-116	3/9/2016 12:22	1.7	32.9	12.1	53.3	70.5		4	3	-9.5	-9.5	-19.6
GEW-117	3/9/2016 12:20	6.0	53.6	2.0	38.4	105.0				-19.8	-19.8	-19.6
GEW-120	3/2/2016 8:30	13.9	57.5	0.9	27.7	175.2				-8.8	-8.8	-8.8
GEW-120	3/2/2016 8:35	14.2	58.5	0.9	26.4	175.2				-12.7	-12.8	-12.6
GEW-121	3/2/2016 8:33	4.2	59.6	0.0	36.2	189.6		33	35	-8.6	-8.4	-10.4
GEW-121	3/2/2016 8:40	5.2	61.2	0.1	33.5	189.3		42	40	-14.2	-13.8	-18.4
GEW-122	3/2/2016 8:49	6.3	52.7	0.1	40.9	181.9				-16.6	-16.6	-16.5
GEW-122	3/2/2016 8:53	5.9	55.8	0.1	38.2	181.9				-16.2	-16.5	-16.1
GEW-123	3/2/2016 8:49	3.7	62.1	0.0	34.2	190.8				-16.7	-16.4	-17.1
GEW-123	3/2/2016 10:04	4.6	59.7	0.0	35.7	190.6				-16.2	-16.2	-16.9
GEW-124	3/2/2016 10:04	7.6	59.5	1.0	31.9	129.3				-13.7	-14.1	-13.6
GEW-124	3/2/2016 10:08	7.2	58.8	1.0	33.0	128.1				-13.8	-14.1	-13.6
GEW-125	3/2/2016 10:13	0.7	48.3	5.5	45.5	51.8				-16.2	-16.2	-16.4
GEW-125	3/2/2016 10:14	0.7	47.9	5.0	46.4	52.3				-16.2	-16.2	-16.1
GEW-126	3/2/2016 10:12	10.5	57.9	0.2	31.4	190.8				-16.1	-16.5	-16.1
GEW-126	3/2/2016 10:16	9.8	54.0	0.2	36.0	190.8				-8.8	-8.7	-8.3
GEW-127	3/2/2016 10:19	1.8	58.8	0.0	39.4	189.6				-5.4	-5.3	-5.8
GEW-127	3/2/2016 10:37	1.8	62.0	0.0	36.2	189.8				-4.7	-4.9	-4.8
GEW-128	3/2/2016 10:24	7.3	63.4	0.2	29.1	179.9				-5.5	-5.5	-5.4
GEW-128	3/2/2016 10:28	6.6	61.1	0.2	32.1	179.8				-5.6	-5.4	-5.3
GEW-129	3/2/2016 10:45	6.3	58.7	0.0	35.0	167.9				-5.4	-5.7	-5.9
GEW-129	3/2/2016 10:52	6.4	56.2	0.0	37.4	167.8				-14.2	-14.3	-14.7
GEW-131	3/2/2016 10:46	9.5	48.3	3.7	38.5	171.7				-6.0	-5.9	-5.9
GEW-131	3/2/2016 10:50	10.1	44.6	4.2	41.1	173.1				-6.2	-6.4	-6.3
GEW-132	3/2/2016 11:14	8.5	49.2	3.2	39.1	169.2				-12.3	-12.4	-15.2
GEW-132	3/2/2016 11:17	6.8	43.6	3.6	46.0	169.2				-12.2	-12.2	-15.2
GEW-133	3/2/2016 11:18	0.7	32.0	12.9	54.4	50.3		6	5	-16.2	-16.2	-15.8
GEW-133	3/2/2016 11:19	0.6	38.7	9.3	51.4	51.8		5	8	-16.2	-16.2	-16.4
GEW-134	3/2/2016 11:23	4.6	38.8	9.4	47.2	116.4				-15.7	-15.7	-16.2
GEW-134	3/2/2016 11:25	4.9	38.6	9.4	47.1	118.6				-17.2	-17.6	-17.8
GEW-135	3/2/2016 11:30	4.7	42.1	6.8	46.4	172.7				-7.8	-6.8	-17.4
GEW-135	3/9/2016 15:37	4.4	34.8	9.1	51.7	152.5				-19.2	-19.1	-18.6
GEW-135	3/9/2016 15:39	4.4	33.6	9.2	52.8	153.3				-17.9	-15.7	-17.9
GEW-136	3/4/2016 9:05	1.6	7.6	19.6	71.2	107.2				-6.5	-6.9	-17.6
GEW-136	3/4/2016 9:09	1.8	11.3	18.9	68.0	109.9				-13.8	-12.2	-14.5
GEW-137	3/4/2016 8:38	15.6	43.8	0.2	40.4	104.7				-17.0	-16.1	-16.9
GEW-137	3/4/2016 8:42	16.0	42.4	0.2	41.4	102.3				-15.6	-14.7	-13.8
GEW-138	3/4/2016 9:10	15.5	61.0	0.3	23.2	144.8				-1.6	-1.8	-8.1
GEW-138	3/4/2016 9:13	16.1	58.0	0.3	25.6	145.1				-2.0	-2.0	-12.2
GEW-139	3/4/2016 9:19	1.2	59.8	0.3	38.7	187.9				-1.7	-1.7	-19.5
GEW-139	3/4/2016 9:22	1.4	57.0	0.3	41.3	187.9				-1.7	-1.7	-19.2
GEW-140	3/4/2016 9:18	11.7	55.7	0.2	32.4	174.1				-18.7	-18.2	-18.7

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-140	3/4/2016 9:24	11.5	55.0	0.2	33.3	174.1				-16.4	-18.2	-15.2
GEW-141	3/4/2016 9:33	1.8	61.1	0.6	36.5	115.7				-20.3	-20.3	-20.1
GEW-141	3/4/2016 9:37	1.7	57.7	0.4	40.2	116.0				-20.0	-20.5	-20.1
GEW-142	3/4/2016 9:38	0.0	1.0	23.2	75.8	38.7				-20.2	-19.5	-19.8
GEW-142	3/4/2016 9:40	0.0	1.0	23.0	76.0	38.8				-20.2	-19.8	-20.3
GEW-143	3/4/2016 10:02	0.3	37.3	9.0	53.4	53.7				-19.6	-20.0	-19.6
GEW-143	3/4/2016 10:03	0.2	36.0	8.8	55.0	54.9				-19.5	-20.0	-19.1
GEW-144	3/4/2016 10:03	2.9	58.1	1.4	37.6	91.1				-9.8	-10.3	-10.5
GEW-144	3/4/2016 10:04	2.4	52.9	1.1	43.6	92.7				-8.4	-8.4	-8.8
GEW-145	3/4/2016 10:11	4.7	57.1	0.0	38.2	178.2				-20.7	-20.6	-20.8
GEW-145	3/4/2016 10:18	4.9	56.9	0.0	38.2	179.8				-20.7	-20.7	-20.8
GEW-146	3/9/2016 9:39	4.3	21.2	14.7	59.8	76.6				-4.3	-4.3	-20.7
GEW-146	3/9/2016 9:47	5.3	22.4	13.0	59.3	78.0				-13.3	-13.7	-15.4
GEW-147	3/9/2016 9:59	11.3	49.4	0.1	39.2	165.0				-20.6	-20.6	-20.7
GEW-147	3/9/2016 10:09	12.6	54.0	0.4	33.0	169.7				-20.7	-20.6	-20.7
GEW-148	3/9/2016 10:21	0.3	15.4	20.1	64.2	66.2		9	16	-21.1	-20.7	-21.3
GEW-148	3/9/2016 10:25	0.0	4.5	21.6	73.9	66.4		5	2	-10.9	-10.8	-21.1
GEW-149	3/9/2016 11:02	8.0	36.2	9.2	46.6	121.5		36	37	-1.8	-1.9	-24.3
GEW-149	3/9/2016 11:14	7.6	38.9	8.2	45.3	116.3		19	16	-0.6	-0.6	-23.3
GEW-150	3/9/2016 11:24	4.9	32.6	12.0	50.5	152.5				-14.7	-14.7	-20.8
GEW-150	3/9/2016 11:32	5.0	32.3	11.9	50.8	150.9				-14.7	-14.8	-21.0
GEW-151	3/9/2016 14:25	9.4	40.1	5.7	44.8	135.7				-6.9	-7.8	-12.4
GEW-151	3/9/2016 14:26	9.0	41.7	5.7	43.6	133.9		22	18	-5.9	-5.9	-17.6
GEW-152	3/9/2016 13:47	8.7	52.6	0.2	38.5	167.3				-22.1	-21.6	-22.6
GEW-152	3/9/2016 13:54	8.3	51.6	0.2	39.9	168.1				-21.1	-21.4	-21.7
GEW-153	3/9/2016 12:25	23.7	47.6	0.1	28.6	158.8		20	9	-10.5	-10.3	-23.2
GEW-153	3/9/2016 12:31	25.4	47.1	0.1	27.4	160.1		31	30	-15.7	-15.8	-22.7
GEW-154	3/9/2016 12:08	12.5	26.4	11.7	49.4	141.1		11	11	-5.3	-5.4	-23.0
GEW-154	3/9/2016 12:17	15.2	26.4	11.1	47.3	147.5		34	36	-18.2	-17.7	-22.5
GEW-155	3/9/2016 11:38	9.2	40.5	8.2	42.1	111.6				-1.3	-1.3	-13.0
GEW-155	3/9/2016 11:49	8.9	37.8	8.6	44.7	117.0				-5.5	-5.5	-6.6
GEW-156	3/9/2016 11:59	4.2	14.0	16.5	65.3	94.4				-13.5	-13.3	-21.7
GEW-156	3/9/2016 12:03	2.5	11.5	17.2	68.8	95.4				-0.3	-0.3	-22.3
GEW-157	3/9/2016 14:28	6.5	53.1	0.1	40.3	191.3		29	15	1.1	-4.6	2.0
GEW-157	3/9/2016 14:29	5.7	58.4	0.2	35.7	191.3		13	35	0.1	-3.2	-1.9
GEW-158	3/9/2016 14:22	1.4	28.5	10.1	60.0	71.2		12	8	-19.0	-18.6	-18.8
GEW-158	3/9/2016 14:24	1.5	26.9	9.4	62.2	70.9		3	1	-22.6	-22.6	-22.4
GEW-159	3/9/2016 13:57	13.5	43.4	0.0	43.1	160.5		22	22	-20.9	-20.9	-21.4
GEW-159	3/9/2016 14:01	14.0	38.7	0.0	47.3	161.4		23	20	-21.0	-21.0	-21.5
GEW-160	3/9/2016 13:53	0.8	39.4	2.4	57.4	72.4		2	8	-20.0	-19.6	-20.0
GEW-161	3/9/2016 13:51	2.2	33.2	8.3	56.3	72.9		9	3	-21.1	-20.5	-20.9
GEW-161	3/9/2016 13:51	1.5	33.0	8.6	56.9	73.2		7		-21.9		-22.0



March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-162	3/9/2016 13:47	17.9	50.1	1.1	30.9	78.0		17	10	-21.9	-21.6	-22.1
GIW-01	3/3/2016 9:03	3.4	61.9	0.4	34.3	186.8		35	38	-7.9	-7.7	-7.9
GIW-01	3/3/2016 9:10	2.9	66.9	0.1	30.1	186.3		20	0	-7.5	-7.4	-7.9
GIW-01	3/16/2016 15:31	3.2	59.6	0.5	36.7	182.4		0	30	-22.1	-22.1	-22.0
GIW-01	3/16/2016 15:33	2.8	62.7	0.2	34.3	183.5		13	23	-21.6	-22.5	-21.9
GIW-01	3/21/2016 14:21	6.9	53.1	1.4	38.6	177.7		0	0	-22.5	-22.5	-22.3
GIW-01	3/21/2016 14:22	2.6	59.5	1.0	36.9	177.2		0	27	-22.5	-22.5	-22.3
GIW-02	3/3/2016 15:25	7.3	28.9	11.2	52.6	72.0		0	10	-8.4	-7.8	-23.3
GIW-02	3/3/2016 15:32	7.0	30.9	11.2	50.9	71.7		0	36	-6.8	-6.9	-23.4
GIW-02	3/11/2016 16:24	5.3	32.0	10.9	51.8	71.8		82	0	-8.8	-8.3	-22.3
GIW-02	3/11/2016 16:26	5.7	29.8	11.0	53.5	71.2		53	0	-5.8	-5.3	-22.5
GIW-02	3/16/2016 15:37	2.7	24.9	13.8	58.6	73.2		0	0	-0.7	-0.7	-22.5
GIW-02	3/16/2016 15:38	3.0	23.8	14.0	59.2	73.7		2	4	-0.7	-0.7	-22.1
GIW-02	3/21/2016 14:28	4.9	25.5	12.3	57.3	70.2		4	5	-0.7	-0.7	-22.4
GIW-02	3/21/2016 14:29	5.0	25.6	12.3	57.1	70.0		5	6	-0.7	-0.7	-21.9
GIW-03	3/3/2016 15:14	0.1	19.8	18.0	62.1	55.3		0	0	-11.8	-11.8	-22.7
GIW-03	3/3/2016 15:20	0.1	10.0	19.2	70.7	56.1		4	3	-11.3	-11.2	-21.8
GIW-03	3/11/2016 16:11	0.9	19.1	17.4	62.6	69.0		8	4	-21.6	-21.5	-22.1
GIW-03	3/11/2016 16:14	0.2	12.0	19.3	68.5	68.5		7	4	-6.8	-6.8	-22.1
GIW-03	3/16/2016 15:40	0.2	15.3	18.2	66.3	75.3		1	6	-6.9	-6.9	-22.2
GIW-03	3/16/2016 15:42	0.1	10.7	19.2	70.0	75.5		3	2	-2.1	-2.0	-21.5
GIW-03	3/21/2016 14:32	0.3	22.1	15.6	62.0	74.8		4	6	-1.7	-1.7	-21.7
GIW-03	3/21/2016 14:34	0.2	21.2	15.6	63.0	75.5		4	2	-1.5	-1.4	-22.3
GIW-04	3/3/2016 15:01	0.8	35.5	5.2	58.5	54.7		8	8	-11.2	-11.2	-22.7
GIW-04	3/3/2016 15:09	0.3	31.8	6.1	61.8	54.4		8	8	-19.2	-19.2	-22.4
GIW-04	3/11/2016 16:20	0.8	39.8	4.3	55.1	66.9		9	8	-14.6	-14.6	-21.6
GIW-04	3/16/2016 15:45	0.1	8.7	19.4	71.8	76.6		3	1	-20.6	-20.6	-22.4
GIW-04	3/16/2016 15:46	0.1	6.0	20.0	73.9	77.5		3	3	-20.5	-20.5	-22.5
GIW-04	3/21/2016 14:39	0.1	7.0	19.7	73.2	72.9		5	1	-20.9	-20.9	-22.5
GIW-04	3/21/2016 14:40	0.1	6.0	19.7	74.2	73.4		3	3	-20.8	-20.7	-22.3
GIW-05	3/3/2016 7:53	3.5	55.0	1.6	39.9	42.0		0	0	-20.2	-20.6	-21.8
GIW-05	3/3/2016 7:58	3.5	47.8	0.8	47.9	42.0		36	0	-16.7	-16.8	-17.8
GIW-05	3/7/2016 16:12	8.8	53.7	0.5	37.0	83.0		44	68	-19.2	-19.2	-22.4
GIW-05	3/16/2016 15:50	9.2	53.9	1.4	35.5	72.4		71	29	-19.2	-19.2	-20.6
GIW-05	3/21/2016 14:44	10.5	53.5	1.4	34.6	65.2		74	62	-13.8	-13.7	-22.3
GIW-06	3/2/2016 15:48	1.5	56.1	0.7	41.7	48.6				-21.6	-22.1	-21.7
GIW-06	3/2/2016 15:58	1.7	57.8	0.4	40.1	47.6				-13.2	-13.2	-22.4
GIW-06	3/7/2016 16:15	2.3	57.2	0.1	40.4	81.0				-21.1	-21.2	-21.8
GIW-06	3/16/2016 15:52	2.7	54.4	1.2	41.7	75.7				-21.1	-21.1	-22.5
GIW-06	3/21/2016 14:46	2.3	52.8	1.1	43.8	70.5				-6.0	-5.9	-22.3
GIW-07	3/2/2016 16:02	20.0	44.7	6.7	28.6	45.2		5	5	-7.4	-7.3	-22.4
GIW-07	3/2/2016 16:11	20.5	44.2	6.7	28.6	45.9		3	3	-7.3	-7.3	-20.4


March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-07	3/7/2016 16:18	15.0	53.4	4.7	26.9	78.0		1	1	-3.4	-3.3	-21.7
GIW-07	3/16/2016 15:55	15.4	42.4	8.3	33.9	77.3		3	1	-7.4	-7.5	-22.6
GIW-07	3/16/2016 15:56	15.4	40.3	8.6	35.7	77.9		1	1	-7.4	-7.4	-22.0
GIW-07	3/21/2016 14:57	12.8	39.9	8.6	38.7	68.7		1	1	-6.5	-6.6	-22.6
GIW-07	3/21/2016 14:58	14.3	40.5	8.3	36.9	70.1		2	1	-6.3	-6.3	-22.2
GIW-08	3/2/2016 16:15	20.4	61.0	0.0	18.6	49.3				-13.8	-13.8	-20.8
GIW-08	3/2/2016 16:22	19.7	56.7	0.0	23.6	49.3				-14.2	-14.3	-22.1
GIW-08	3/7/2016 17:04	21.6	45.9	0.3	32.2	77.9				-12.8	-12.8	-19.0
GIW-08	3/16/2016 15:59	20.2	49.1	0.1	30.6	73.6				-13.8	-13.7	-15.5
GIW-08	3/21/2016 15:01	19.1	48.6	0.2	32.1	68.4				-13.7	-13.7	-21.9
GIW-09	3/2/2016 16:26	2.6	24.3	15.3	57.8	62.2				-6.3	-6.0	-23.4
GIW-09	3/2/2016 16:32	2.6	18.7	15.9	62.8	61.7				-6.3	-6.3	-22.0
GIW-09	3/7/2016 17:01	3.2	28.0	15.8	53.0	79.0				-1.3	-1.3	-22.7
GIW-09	3/7/2016 17:01	0.4	14.6	17.4	67.6	79.0				-1.4	-1.3	-21.8
GIW-09	3/16/2016 16:17	1.1	21.6	16.0	61.3	69.3				-1.7	-1.7	-22.2
GIW-09	3/16/2016 16:18	0.7	14.4	16.9	68.0	69.0				-1.7	-1.7	-22.0
GIW-09	3/21/2016 15:06	1.1	15.6	16.7	66.6	71.6				-4.3	-4.3	-23.0
GIW-09	3/21/2016 15:07	1.2	15.1	16.5	67.2	69.6				-2.5	-2.5	-22.3
GIW-10	3/3/2016 7:41	6.7	49.3	0.0	44.0	43.8		0	0	-21.3	-21.6	-21.7
GIW-10	3/3/2016 7:47	6.2	48.9	0.0	44.9	44.4		10	12	-21.6	-21.6	-22.2
GIW-10	3/7/2016 16:09	7.8	46.0	0.1	46.1	81.9		3	6	-20.7	-21.1	-21.4
GIW-10	3/16/2016 16:21	5.6	48.1	0.1	46.2	70.0		12	5	-22.1	-22.1	-22.0
GIW-10	3/21/2016 15:09	7.1	41.4	0.2	51.3	69.6		15	10	-22.5	-22.1	-22.8
GIW-11	3/3/2016 8:29	6.2	43.3	5.0	45.5	54.9				-2.9	-2.9	-8.2
GIW-11	3/3/2016 8:35	6.4	43.1	5.0	45.5	55.0				-2.8	-2.8	-8.6
GIW-11	3/7/2016 16:56	6.4	33.3	6.4	53.9	86.9				-6.5	-6.5	-21.9
GIW-11	3/7/2016 16:58	5.8	36.7	6.4	51.1	85.3				-4.2	-4.2	-22.0
GIW-11	3/16/2016 16:23	5.7	41.7	5.8	46.8	70.5				-3.6	-3.6	-22.2
GIW-11	3/16/2016 16:25	5.9	39.8	5.9	48.4	70.2				-2.8	-2.8	-22.3
GIW-11	3/21/2016 15:21	5.1	45.8	4.8	44.3	69.5				-2.5	-2.5	-22.3
GIW-12	3/3/2016 8:39	8.3	30.0	8.6	53.1	60.6				-1.6	-1.6	-8.5
GIW-12	3/3/2016 8:44	8.6	28.4	8.6	54.4	60.1				-1.6	-1.6	-7.8
GIW-12	3/7/2016 16:52	6.3	29.9	9.7	54.1	87.0				-3.7	-3.7	-22.7
GIW-12	3/7/2016 16:53	6.3	25.1	9.9	58.7	87.1				-3.6	-3.7	-22.1
GIW-12	3/16/2016 16:27	4.3	25.5	10.8	59.4	75.2				-3.5	-3.6	-22.5
GIW-12	3/16/2016 16:29	4.6	23.0	10.9	61.5	74.5				-2.5	-2.6	-21.7
GIW-12	3/21/2016 15:12	5.1	28.4	9.0	57.5	72.7				-2.4	-2.4	-22.6
GIW-12	3/21/2016 15:13	5.3	25.1	9.2	60.4	71.7				-1.4	-1.4	-22.6
GIW-13	3/3/2016 8:47	11.6	54.6	0.0	33.8	45.5				-4.4	-4.5	-4.4
GIW-13	3/3/2016 8:54	9.7	60.1	0.0	30.2	45.6				-4.8	-5.0	-5.2
GIW-13	3/7/2016 16:50	11.6	53.4	0.3	34.7	78.4				-16.5	-16.3	-16.4
GIW-13	3/16/2016 16:32	11.0	57.5	0.1	31.4	69.5				-9.5	-9.3	-9.4

March 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-13	3/21/2016 15:18	10.1	59.9	0.0	30.0	69.2				-10.7	-10.7	-10.7
LCS-5A	3/3/2016 11:25	57.1	42.8	0.1	0.0	91.7				-12.7	-12.2	-12.2
LCS-5A	3/7/2016 15:03	58.5	38.6	0.1	2.8	93.6				-10.0	-9.9	-10.5
LCS-5A	3/29/2016 9:27	59.1	39.6	0.0	1.3	91.8				-9.5	-9.5	-9.2
LCS-6B	3/3/2016 10:22	51.2	39.6	1.2	8.0	93.9		7	7	-1.7	-1.7	-10.6
LCS-6B	3/28/2016 10:55	52.5	40.7	0.5	6.3	75.0		9	9	-1.1	-1.1	-9.7
PGW-60	3/3/2016 9:02	59.8	39.3	0.2	0.7	73.9		33	36	42.0	42.0	-10.3
PGW-60	3/3/2016 9:03	58.2	41.2	0.1	0.5	76.4		42	17	-0.7	-0.9	-10.2
PGW-60	3/7/2016 10:41	62.5	27.6	0.3	9.6	73.1		27	24	-5.0	-5.3	-10.8
PGW-60	3/18/2016 10:31	60.5	27.2	0.5	11.8	75.0		32	24	-9.9	-9.4	-10.1
SEW-002	3/30/2016 10:35	0.3	10.1	18.3	71.3	69.8		9	9	-10.5	-10.5	-12.4
SEW-002	3/30/2016 10:36	0.3	11.3	17.8	70.6	69.8		5	5	-10.8	-10.8	-12.7
T-56	3/3/2016 10:44	46.2	34.7	1.4	17.7	47.1		18	22	-0.1	-0.1	-12.3

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	December 2015	January 2016	February 2016	March 2016		
GEW-001	--	--	--	--		
GEW-002	122.0	124.9	120.2	124.2		
GEW-003	111.9	113.3	110.9	115.2		
GEW-004	115.0	117.8	112.5	116.5		
GEW-005	93.4	95.6	96.2	94.0		
GEW-006	84.0	89.9	90.1	91.1		
GEW-007	90.5	96.4	94.0	92.1		
GEW-008	111.8	112.5	112.9	113.2		
GEW-009	124.5	122.3	121.5	126.4		
GEW-010	59.9	63.3	69.2	94.6		
GEW-011	--	--	--	--		
GEW-013A	--	--	186.8	152.2		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	90.0	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	170.0	192.8	194.8	193.1		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	90.0	--	--	--		
GEW-028R	150.0	178.2	193.7	192.1		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	59.9	50.9	56.1	79.5		
GEW-039	136.0	134.1	132.7	133.4		
GEW-040	87.4	86.9	85.5	87.3		
GEW-041R	95.2	103.2	103.2	109.0		
GEW-042R	99.9	111.6	112.7	110.0		
GEW-043R	127.0	130.8	133.3	134.3		
GEW-044	80.0	73.1	81.3	85.3		
GEW-045R	75.0	83.2	82.9	84.7		
GEW-046R	81.2	93.2	95.0	99.6		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	December 2015	January 2016	February 2016	March 2016		
GEW-047R	103.5	110.4	124.3	115.2		
GEW-048	101.3	103.6	102.2	106.0		
GEW-049	100.7	109.9	109.9	116.4		
GEW-050	101.5	106.3	106.4	108.5		
GEW-051	122.1	125.1	124.1	128.9		
GEW-052	109.0	112.6	115.0	117.4		
GEW-053	144.0	138.0	138.7	140.0		
GEW-054	147.7	154.9	147.1	147.7		
GEW-055	116.8	122.8	121.8	125.8		
GEW-056R	165.9	165.5	175.2	158.8		
GEW-057B	167.0	100.8	98.7	113.0		
GEW-057R	185.0	162.3	143.2	148.9		
GEW-058	172.0	184.6	177.7	177.2		
GEW-058A	188.0	167.8	170.7	154.5		
GEW-059R	142.0	186.3	187.4	189.1		
GEW-061B	44.0	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	192.0	180.8	99.4	96.1		
GEW-066	--	70.2	--	--		
GEW-067A	189.1	165.0	122.3	125.0		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	111.0	65.9	--	--		
GEW-078R	--	--	--	--		
GEW-080	50.0	51.5	--	--		
GEW-081	--	--	--	--		
GEW-082R	180.0	196.6	197.9	196.5		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	110.0	87.0	84.7	84.1		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	55.0	86.1	94.6	74.8		
GEW-090	173.0	185.2	185.2	183.5		
GEW-091	--	--	--	--		
GEW-100	--	--	--	--		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	December 2015	January 2016	February 2016	March 2016		
GEW-101	--	--	--	--		
GEW-102	188.0	144.0	189.1	184.1		
GEW-103	--	--	--	--		
GEW-104	55.0	--	--	--		
GEW-105	45.0	--	--	--		
GEW-106	--	--	--	--		
GEW-107	--	--	55.6	69.5		
GEW-108	--	--	--	--		
GEW-109	102.6	61.1	113.1	117.0		
GEW-110	95.6	98.0	71.3	101.1		
GEW-112	--	--	--	--		
GEW-113	--	--	--	--		
GEW-116	77.0	35.5	51.2	71.0		
GEW-117	70.0	57.4	83.3	105.0		
GEW-118	--	--	--	--		
GEW-120	171.2	173.1	184.1	175.2		
GEW-121	187.4	186.3	187.9	189.6		
GEW-122	193.7	190.8	190.8	181.9		
GEW-123	192.6	170.8	193.1	190.8		
GEW-124	111.6	157.6	119.0	129.3		
GEW-125	192.6	190.2	193.1	52.3		
GEW-126	184.6	189.1	191.3	190.8		
GEW-127	186.3	184.6	186.8	189.8		
GEW-128	182.2	181.9	182.4	179.9		
GEW-129	166.4	165.4	159.6	167.9		
GEW-130	--	--	--	--		
GEW-131	125.1	177.2	179.8	173.1		
GEW-132	181.4	171.7	173.6	169.2		
GEW-133	71.4	64.7	56.5	51.8		
GEW-134	168.3	163.2	155.6	118.6		
GEW-135	178.7	155.4	147.0	172.7		
GEW-136	136.6	112.8	110.9	109.9		
GEW-137	120.1	121.5	91.9	104.7		
GEW-138	157.0	152.9	147.4	145.1		
GEW-139	184.6	183.0	180.3	187.9		
GEW-140	183.0	160.5	191.3	174.1		
GEW-141	148.5	157.9	155.0	116.0		
GEW-142	104.2	88.2	92.9	38.8		
GEW-143	103.0	94.2	113.7	54.9		
GEW-144	71.9	70.7	64.9	92.7		
GEW-145	137.6	86.0	150.9	179.8		
GEW-146	77.3	70.0	69.5	78.0		
GEW-147	184.1	191.9	178.2	169.7		
GEW-148	136.3	45.2	64.9	66.4		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	December 2015	January 2016	February 2016	March 2016		
GEW-149	171.7	123.7	171.2	116.3		
GEW-150	136.3	184.6	188.5	152.5		
GEW-151	171.2	47.3	57.9	135.7		
GEW-152	--	--	71.9	168.1		
GEW-153	46.2	--	52.4	160.1		
GEW-154	144.7	51.5	113.8	147.5		
GEW-155	108.6	111.6	113.3	117.0		
GEW-156	124.0	102.0	93.6	95.4		
GEW-157	41.9	62.1	37.9	191.3		
GEW-158	44.1	55.8	54.1	71.2		
GEW-159	43.6	64.2	27.5	161.4		
GEW-160	42.0	66.7	162.8	72.4		
GEW-161	42.0	--	37.9	73.2		
GEW-162	42.7	63.3	56.1	78.0		
GIW-01	189.6	183.0	186.3	186.8		
GIW-02	63.8	75.5	73.8	73.7		
GIW-03	63.5	75.2	64.1	75.5		
GIW-04	61.9	72.3	62.0	77.5		
GIW-05	59.3	55.8	62.4	83.0		
GIW-06	60.5	73.6	57.3	81.0		
GIW-07	59.6	73.4	55.5	78.0		
GIW-08	59.2	81.0	57.9	77.9		
GIW-09	66.8	81.3	65.4	79.0		
GIW-10	60.2	72.5	60.5	81.9		
GIW-11	62.2	61.0	76.5	86.9		
GIW-12	74.7	65.6	79.4	87.1		
GIW-13	60.0	57.0	66.1	78.4		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	90.0	91.2	93.3	93.6		
LCS-6B	73.0	60.1	125.1	93.9		
PGW-60	60.0	49.6	65.7	76.4		
SEW-002	38.0	36.4	64.6	69.8		
SEW-012A	--	--	--	--		
SEW-017R	--	--	--	--		
SEW-031R	--	--	--	--		
SEW-032R	--	--	--	--		
SEW-060R	--	--	--	--		
SEW-061R	--	--	--	--		
SEW-062R	--	--	--	--		
SEW-063	--	--	--	--		
SEW-064	--	--	--	--		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	December 2015	January 2016	February 2016	March 2016		
SEW-067	--	--	--	--		
SEW-072R	--	--	--	--		
SEW-074	--	--	--	--		
SEW-079R	--	--	--	--		
T-56	40.0	47.7	47.3	47.1		

-- = Indicates no data available.



Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
North Quarry								
GEW-002	11/13/2015	54	43	ND	ND	ND	ND	
GEW-002	12/14/2015	41	32	3.2	23	ND	35	See Note 3
GEW-002	12/31/2015	53	40	ND	5.7	0.1	ND	Resample
GEW-002	1/14/2016	55	43	ND	ND	ND	ND	
GEW-002	2/15/2016	52	41	1.7	5.8	ND	ND	See Note 3
GEW-002	3/7/2016	56	42	ND	ND	0.04	ND	
GEW-003	11/10/2015	50	40	ND	8.7	0.1	ND	
GEW-003	12/14/2015	42	37	ND	20	ND	ND	
GEW-003	1/14/2016	52	39	ND	6.7	0.1	ND	
GEW-003	2/15/2016	56	42	ND	ND	0.1	ND	
GEW-003	3/7/2016	54	40	ND	5	0.1	ND	
GEW-004	11/10/2015	49	40	ND	10	0.1	ND	
GEW-004	12/14/2015	45	37	ND	16	ND	ND	
GEW-004	1/14/2016	52	40	ND	6.7	0.1	ND	
GEW-004	2/15/2016	52	41	1.7	5.8	ND	ND	
GEW-004	3/7/2016	56	41	ND	ND	0.1	ND	
GEW-005	11/10/2015	44	36	ND	19	0.03	ND	
GEW-005	12/15/2015	41	34	ND	23	ND	ND	
GEW-005	1/14/2016	42	34	ND	24	ND	ND	
GEW-005	2/15/2016	54	38	ND	7.6	0.07	ND	
GEW-005	3/7/2016	53	38	ND	8	0.1	ND	
GEW-006	11/10/2015	51	40	ND	8.1	ND	ND	
GEW-006	1/14/2016	52	37	ND	10	ND	ND	
GEW-006	3/7/2016	56	38	ND	5.4	ND	ND	
GEW-007	11/11/2015	56	41	ND	ND	ND	ND	
GEW-007	1/14/2016	57	41	ND	ND	ND	ND	
GEW-007	1/27/2016	56	39	ND	4	ND	ND	
GEW-007	3/7/2016	57	41	ND	ND	ND	ND	
GEW-008	11/11/2015	49	47	ND	ND	2.1	ND	
GEW-008	12/15/2015	42	42	1.8	8.6	1.4	ND	See Note 3
GEW-008	1/27/2016	50	47	ND	ND	1.6	ND	
GEW-008	2/15/2016	50	47	ND	ND	0.7	ND	
GEW-008	3/7/2016	49	47	ND	ND	1.6	ND	
GEW-009	11/11/2015	46	39	2	12	0.4	ND	See Note 1 and 3
GEW-009	12/15/2015	39	40	ND	19	0.3	ND	
GEW-009	1/27/2016	51	41	ND	6.7	0.5	ND	
GEW-009	2/17/2016	54	43	ND	ND	0.7	ND	
GEW-009	3/7/2016	54	43	ND	ND	0.9	ND	
GEW-040	11/10/2015	52	37	2.4	8.5	ND	ND	See Note 1 and 3
GEW-040	12/14/2015	54	38	1.9	6.6	ND	ND	See Note 3
GEW-040	1/14/2016	57	41	ND	ND	ND	ND	
GEW-040	2/15/2016	55	38	1.4	5.2	ND	ND	See Note 3
GEW-040	3/7/2016	55	38	ND	5	ND	ND	
GEW-041R	11/10/2015	47	37	1.6	15	ND	ND	See Note 3
GEW-041R	1/14/2016	56	42	ND	ND	ND	ND	
GEW-041R	3/7/2016	57	41	ND	ND	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide (ppm)	Comments
GEW-042R	11/10/2015	42	35	5	18	ND	ND	See Note 1 and 3
GEW-042R	12/14/2015	49	40	2.3	8.3	ND	ND	See Note 3
GEW-042R	1/14/2016	55	42	ND	ND	ND	ND	
GEW-042R	2/15/2016	56	41	ND	ND	0.04	ND	
GEW-042R	3/7/2016	56	42	ND	ND	ND	ND	
GEW-043R	11/11/2015	53	44	ND	ND	ND	ND	
GEW-043R	1/14/2016	55	43	ND	ND	0.2	ND	
GEW-043R	3/7/2016	55	43	ND	ND	0.05	ND	
GEW-044	11/10/2015	47	37	ND	15	ND	ND	
GEW-044	1/14/2016	56	40	ND	ND	ND	ND	
GEW-044	3/7/2016	58	40	ND	ND	ND	ND	
GEW-045R	11/10/2015	58	39	ND	ND	ND	ND	
GEW-045R	12/14/2015	57	38	ND	3.9	ND	ND	
GEW-045R	1/14/2016	56	43	ND	ND	ND	ND	
GEW-045R	2/15/2016	57	39	ND	ND	ND	ND	
GEW-045R	3/7/2016	58	40	ND	ND	ND	ND	
GEW-046R	11/10/2015	53	41	ND	4.7	0.1	ND	
GEW-046R	12/14/2015	47	39	ND	13	ND	ND	
GEW-046R	1/14/2016	54	41	ND	4.7	0.1	ND	
GEW-046R	2/15/2016	55	40	ND	4.3	0.1	ND	
GEW-046R	3/7/2016	55	40	ND	4.4	0.1	ND	
GEW-047R	11/10/2015	41	37	ND	21	0.1	ND	
GEW-047R	12/14/2015	37	33	ND	29	ND	ND	
GEW-047R	1/14/2016	40	35	ND	24	0.05	ND	
GEW-047R	2/15/2016	50	38	ND	11	0.2	ND	
GEW-047R	3/7/2016	52	39	ND	8.1	0.1	ND	
GEW-048	11/10/2015	53	40	ND	5.7	ND	ND	
GEW-048	12/15/2015	49	38	ND	12	ND	ND	
GEW-048	1/14/2016	52	39	ND	8.4	ND	ND	
GEW-048	2/15/2016	56	40	ND	3.8	0.03	ND	
GEW-048	3/7/2016	57	40	ND	ND	ND	ND	
GEW-049	11/10/2015	46	37	ND	15	0.1	ND	
GEW-049	12/15/2015	46	37	ND	16	ND	ND	
GEW-049	1/27/2016	45	34	ND	20	0.1	ND	
GEW-049	2/15/2016	55	37	ND	6.3	0.1	ND	
GEW-049	3/7/2016	57	40	ND	ND	0.1	ND	
GEW-050	11/10/2015	48	37	ND	13	ND	ND	
GEW-050	1/14/2016	53	39	ND	7.9	0.1	ND	
GEW-050	3/7/2016	56	39	ND	4.6	0.1	ND	
GEW-051	11/10/2015	53	42	ND	3.3	1	ND	
GEW-051	1/27/2016	55	41	ND	ND	1	ND	
GEW-051	3/7/2016	55	42	ND	ND	1.2	ND	
GEW-052	11/11/2015	43	37	1.7	18	0.04	ND	See Note 1 and 3
GEW-052	1/14/2016	45	36	ND	19	0.04	ND	
GEW-052	3/7/2016	53	38	ND	8.9	0.1	ND	
GEW-053	11/11/2015	49	42	ND	3.3	4.8	55	
GEW-053	12/15/2015	49	41	ND	4.8	4.5	51	
GEW-053	1/27/2016	50	41	ND	3.9	4.7	49	
GEW-053	2/15/2016	50	41	ND	ND	5.8	57	
GEW-053	3/7/2016	49	41	ND	ND	5.7	65	

### Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
GEW-054	11/11/2015	52	43	ND	ND	2.6	ND	
GEW-054	12/15/2015	50	42	ND	ND	5.1	39	
GEW-054	1/27/2016	53	42	ND	ND	4.0	ND	
GEW-054	2/15/2016	51	41	ND	3.4	4.3	ND	
GEW-054	3/7/2016	53	43	ND	ND	3.1	34	
GEW-055	11/11/2015	52	43	ND	3.2	1.2	ND	
GEW-055	12/15/2015	51	41	ND	5.8	1.8	ND	
GEW-055	1/27/2016	54	42	ND	ND	1.0	ND	
GEW-055	2/15/2016	54	43	ND	ND	1.4	ND	
GEW-055	3/7/2016	54	43	ND	ND	1.1	ND	

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of FL-100, FL-120, and FL-140. (6) Flare station gas concentration data is an average of Outlets 1 & 2. (7) Flare station gas concentration based on data from Outlet B.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
South Quarry								
GEW-010	11/11/2015	53	42	ND	3.9	0.6	50	
GEW-010	12/16/2015	54	40	ND	4.4	ND	35	
GEW-010	1/26/2016	53	43	ND	3.0	0.2	ND	
GEW-010	2/16/2016	50	41	1.6	6.5	0.2	31	See Note 4
GEW-010	3/3/2016	38	50	ND	9.2	1.7	130	
GEW-022R	11/12/2015	0.8	65	ND	ND	30	4,800	
GEW-022R	3/9/2016	0.7	65	ND	ND	30	4,300	
GEW-028R	11/13/2015	0.1	59	ND	4.9	34	3,600	
GEW-028R	1/26/2016	0.1	60	1.5	5.1	33	3,600	
GEW-028R	3/9/2016	0.1	61	ND	ND	34	4,300	
GEW-038	11/11/2015	0.2	33	9.8	35	21	2,100	
GEW-038	12/16/2015	0.2	33	10	36	20	2,100	See Note 4
GEW-038	1/26/2016	0.3	56	2.2	8	33	3,200	
GEW-038	2/16/2016	0.3	44	6.6	24	25	2,600	See Note 4
GEW-038	3/3/2016	0.3	44	7.4	27	21	2,500	
GEW-039	11/11/2015	39	55	ND	ND	2.7	170	
GEW-039	12/16/2015	37	54	ND	4.5	3.3	150	
GEW-039	1/26/2016	42	56	ND	ND	0.7	52	
GEW-039	2/16/2016	42	55	ND	ND	0.9	75	
GEW-039	3/3/2016	39	56	ND	ND	2	160	
GEW-056R	11/11/2015	14	42	ND	24	18	1,100	
GEW-056R	12/16/2015	1.8	54	ND	5.8	37	2,000	
GEW-056R	1/26/2016	16	39	ND	31	13	700	
GEW-056R	2/16/2016	20	38	ND	30	10	620	
GEW-056R	3/3/2016	17	39	ND	32	11	610	
GEW-057R	11/11/2015	0.5	53	ND	3.8	40	2,800	
GEW-057R	1/14/2016	0.4	54	ND	ND	40	2,200	
GEW-058	11/11/2015	3.5	48	3.6	14	30	2,100	See Note 3
GEW-058	1/14/2016	3.8	54	ND	5.5	35	2,100	
GEW-058A	11/11/2015	0.4	49	3.3	12	35	2,500	
GEW-058A	1/14/2016	0.3	51	2	7.1	39	2,500	
GEW-058A	3/9/2016	0.5	43	4.9	18	33	2,100	
GEW-059R	11/11/2015	0.8	51	ND	4.4	41	1,800	
GEW-059R	1/14/2016	0.9	48	1.9	6.9	41	1,900	See Note 3
GEW-059R	3/9/2016	1.3	50	ND	4.4	42	2,000	
GEW-065A	11/12/2015	0.4	58	ND	ND	37	3,200	
GEW-065A	1/14/2016	0.4	58	ND	ND	36	2,900	
GEW-082R	11/12/2015	0.9	55	ND	ND	40	2,300	
GEW-082R	1/14/2016	0.8	56	ND	ND	40	2,000	
GEW-082R	3/9/2016	0.8	54	ND	ND	40	2,000	
GEW-086	11/12/2015	10	34	8.7	44	2.7	430	
GEW-090	11/12/2015	5.5	49	ND	3.6	40	2,200	
GEW-090	1/26/2016	5	50	ND	ND	42	1,900	
GEW-090	3/9/2016	7.3	49	ND	ND	39	2,100	
GEW-102	11/13/2015	2.1	59	ND	3.3	34	2,100	
GEW-102	1/14/2016	2.3	60	ND	ND	34	1,700	
GEW-102	3/9/2016	1.3	56	ND	3.4	36	1,400	
GEW-104	11/13/2015	0.4	43	5.7	21	29	1,500	
GEW-109	11/11/2015	5.6	60	ND	ND	31	2,400	
GEW-109	12/16/2015	3.6	42	5	24	25	1,500	See Note 3
GEW-109	1/26/2016	2.3	36	7.9	34	19	1,300	See Note 4
GEW-109	2/16/2016	3.4	63	ND	ND	32	2,300	
GEW-109	3/3/2016	11	46	2.9	21	19	1,100	
GEW-110	11/11/2015	7.8	43	4.1	23	22	1,400	
GEW-110	12/16/2015	6	33	8.7	39	13	990	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-110	1/26/2016	4.2	23	11	51	11	630	See Note 4
GEW-110	2/16/2016	7	34	9	36	14	810	See Note 4
GEW-110	3/3/2016	2	36	8	32	21	1,200	
GEW-116	11/12/2015	2.8	50	6.2	22	17	1,800	
GEW-117	11/12/2015	3.7	66	ND	4.8	22	2,600	
GEW-120	11/12/2015	7.6	68	ND	ND	21	2,100	
GEW-120	1/14/2016	15	69	ND	ND	11	880	
GEW-120	3/2/2016	13	60	1.6	14	11	950	
GEW-121	11/12/2015	2.3	46	5	18	28	2,200	See Note 3
GEW-121	1/14/2016	3.8	60	ND	ND	33	2,600	
GEW-121	3/2/2016	4.5	61	ND	ND	31	2,600	
GEW-122	11/12/2015	5.3	55	ND	ND	35	2,800	
GEW-122	1/14/2016	3.5	57	ND	ND	37	3,000	
GEW-122	3/2/2016	5.2	56	ND	3.1	34	2,900	
GEW-123	11/12/2015	1.6	51	4.9	17	24	3,200	See Note 3
GEW-124	11/13/2015	7	61	ND	ND	28	2,100	
GEW-124	1/15/2016		62	ND	ND	27	1,900	
GEW-124	3/2/2016	7.2	63	ND	2.9	26	1,800	
GEW-125	11/12/2015	0.5	59	ND	ND	36	3,600	
GEW-126	11/12/2015	8.2	54	ND	ND	33	3,300	
GEW-126	1/14/2016	6.2	54	ND	ND	36	3,500	
GEW-126	3/2/2016	10	56	ND	ND	30	3,200	
GEW-127	11/13/2015	0.4	62	ND	ND	33	4,100	
GEW-127	1/14/2016	0.3	65	ND	ND	32	4,400	
GEW-127	3/2/2016	1.3	61	1.6	5.6	29	4,100	
GEW-128	11/13/2015	0.7	61	ND	ND	34	3,800	
GEW-128	1/14/2016	0.9	64	ND	ND	32	3,600	
GEW-128	3/2/2016	6.5	66	ND	ND	25	2,800	
GEW-129	11/13/2015	0.7	58	ND	3.3	36	3,400	
GEW-129	1/14/2016	1.0	62	ND	ND	34	3,300	
GEW-129	3/2/2016	5.4	59	ND	ND	32	3,000	
GEW-131	11/12/2015	20	47	ND	4.6	26	1,700	
GEW-131	1/26/2016	15	51	ND	ND	31	2,100	
GEW-131	3/2/2016	10	47	3.4	12	27	2,200	
GEW-132	11/12/2015	6.9	43	5.9	26	17	1,200	See Note 4
GEW-132	1/14/2016	8.7	50	2.9	15	23	1,700	
GEW-132	3/2/2016	7.4	49	3.4	19	20	1,700	
GEW-133	11/12/2015	0.4	53	3	11	32	3,800	
GEW-134	11/12/2015	11	43	5.8	28	11	770	See Note 1 and 3
GEW-134	1/14/2016	17	58	ND	13	11	750	
GEW-135	11/13/2015	4.8	47	4.2	15	28	1,500	See Note 3
GEW-137	11/12/2015	11	29	6.6	52	0.6	71	See Note 3
GEW-137	1/14/2016	13	36	ND	49	0.3	36	
GEW-137	3/4/2016	14	44	ND	39	1	ND	
GEW-138	11/12/2015	2.8	23	10	56	8	670	
GEW-138	1/15/2016	13	50	2.2	25	9.2	730	See Note 4
GEW-138	3/4/2016	14	65	ND	7.8	12	1,300	
GEW-139	11/13/2015	0.9	47	4	19	29	3,300	
GEW-139	1/14/2016	1.4	54	1.8	6.6	35	3,600	
GEW-139	3/4/2016	1	60	ND	ND	35	4,000	
GEW-140	1/15/2016	1.7	60	ND	ND	35	3,300	
GEW-140	3/4/2016	9.4	58	ND	3.7	28	2,000	
GEW-141	11/13/2015	1.7	60	1.6	5.5	30	3,500	See Note 1 and 3
GEW-141	1/14/2016	1.1	60	ND	ND	33	3,300	
GEW-141	3/4/2016	1.3	62	ND	ND	32	3,900	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GEW-142	11/13/2015	0.2	51	4.1	15	29	3,500	
GEW-143	11/13/2015	0.2	49	3.3	12	35	3,200	
GEW-144	11/13/2015	0.8	56	1.9	6.6	33	3,500	
GEW-145	11/13/2015	1.7	52	2.9	10	32	2,700	See Note 3
GEW-145	3/4/2016	4	56	ND	3.5	35	2,400	
GEW-146	11/12/2015	3.1	18	13	64	2	220	
GEW-147	11/13/2015	5.1	51	ND	3.6	38	2,300	
GEW-147	1/15/2016	4.9	54	ND	3.5	36	2,000	
GEW-147	3/9/2016	10	49	ND	6.8	32	1,900	
GEW-149	11/12/2015	9.6	55	2.4	14	18	1,600	See Note 1
GEW-149	3/9/2016	6.8	35	8.5	38	11	970	See Note 4
GEW-150	11/13/2015	9	60	2	7.9	20	1,600	
GEW-150	1/14/2016	4	63	1.9	6.6	23	1,700	See Note 3
GEW-150	3/9/2016	4	27	12	45	11	830	
GEW-151	11/12/2015	11	56	ND	ND	28	2,200	
GEW-152	11/13/2015	4.1	49	2.3	8.2	35	2,900	See Note 1 and 3
GEW-152	3/9/2016	6.2	47	2.2	7.9	35	2,800	
GEW-153	11/13/2015	20	45	ND	19	15	580	
GEW-153	3/9/2016	23	45	ND	12	18	810	
GEW-154	1/15/2016	21	33	ND	20	24	850	
GEW-154	3/9/2016	14	24	11	45	5.7	270	
GEW-155	3/9/2016	7.9	37	8.9	41	4.8	430	
GEW-156	11/12/2015	4.6	37	9.1	40	9.4	1,100	
GEW-159	3/9/2016	13	43	ND	35	7.8	660	
GIW-01	11/13/2015	2.6	66	ND	4.4	25	2,700	
GIW-01	12/9/2015	2.5	68	ND	ND	26	2,500	
GIW-01	1/26/2016	0.5	16	17	60	6.6	580	See Note 4
GIW-01	2/16/2016	1.7	61	2.7	9.8	24	2,500	See Note 4
GIW-01	3/3/2016	2.3	70	ND	ND	23	2,500	
GIW-02	11/13/2015	4.7	22	12	55	5.8	370	See Note 1
GIW-02	12/10/2015	5.7	33	9	44	8.5	610	See Note 4
GIW-02	1/26/2016	6.4	28	9.7	47	8.3	510	See Note 4
GIW-02	2/17/2016	8	40	7.8	33	10	620	See Note 4
GIW-02	3/3/2016	6.3	30	11	48	3.9	290	
GIW-03	11/13/2015	0.2	38	8.3	30	23	2,200	
GIW-03	12/10/2015	0.1	24	13	47	14	1,300	See Note 4
GIW-03	1/26/2016	0.4	48	4.7	17	29	2,500	See Note 4
GIW-03	2/17/2016	0.3	36	9.3	33	21	2,100	See Note 4
GIW-03	3/3/2016	0.1	8.2	19	69	2.9	460	
GIW-04	11/13/2015	0.5	41	5	18	35	2,200	
GIW-04	12/10/2015	0.5	35	6.9	25	32	1,900	See Note 4
GIW-04	1/26/2016	0.5	50	1.8	6.3	41	2,300	See Note 4
GIW-04	2/17/2016	0.6	43	4.2	15	36	2,300	See Note 3
GIW-04	3/3/2016	0.4	42	3.5	12	41	1,700	
GIW-05	11/13/2015	2.6	58	ND	ND	37	1,900	
GIW-05	12/9/2015	2.3	51	2.3	8.2	35	1,700	See Note 3
GIW-05	1/26/2016	1.7	56	1.7	5.9	34	1,400	See Note 4
GIW-05	2/16/2016	2.2	57	ND	4.7	34	1,700	
GIW-05	3/3/2016	2.8	56	1.5	5.4	33	1,500	
GIW-06	11/13/2015	0.9	56	1.8	6.2	34	1,700	
GIW-06	12/10/2015	1	56	1.8	6.3	34	1,600	See Note 4
GIW-06	1/27/2016	1	59	ND	ND	36	1,500	
GIW-06	2/17/2016	1.1	59	ND	ND	36	1,500	
GIW-06	3/2/2016	1.1	61	ND	4.1	31	1,500	
GIW-07	11/13/2015	30	53	2.2	7.9	6.9	660	

## Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GIW-07	12/10/2015	26	58	ND	4.5	9.6	870	
GIW-07	1/27/2016	29	59	ND	3	8.6	660	
GIW-07	2/17/2016	15	68	ND	ND	15	1,500	
GIW-07	3/2/2016	19	42	6.9	25	7.2	710	
GIW-08	11/13/2015	19	56	4	15	5.4	740	
GIW-08	12/9/2015	24	59	2	10	4.7	570	
GIW-08	12/10/2015	24	63	ND	4.9	6.7	860	See Note 2
GIW-08	1/27/2016	26	59	ND	13	2.2	320	
GIW-08	2/17/2016	25	62	ND	10	2.2	360	
GIW-08	3/2/2016	19	66	ND	12	1.7	290	
GIW-09	11/13/2015	3.9	13	16	64	2.4	220	
GIW-09	12/10/2015	5	21	14	55	5.4	340	See Note 4
GIW-09	1/27/2016	11	31	9.3	40	8.9	590	See Note 4
GIW-09	2/17/2016	6.2	17	14	57	4.9	320	See Note 4
GIW-09	3/2/2016	2.4	17	15	60	5.4	400	
GIW-10	11/13/2015	1.3	50	ND	4.5	42	3,200	
GIW-10	12/10/2015	0.4	42	5.1	18	34	2,500	See Note 1
GIW-10	1/26/2016	0.3	31	7.7	28	32	2,100	See Note 4
GIW-10	2/17/2016	0.4	53	ND	ND	44	3,200	
GIW-10	3/3/2016	5.6	47	ND	15	31	1,700	
GIW-11	11/13/2015	3.2	48	4.2	17	27	2,500	
GIW-11	12/9/2015	2.4	53	2.7	12	29	2,500	See Note 4
GIW-11	1/26/2016	4	46	4.1	19	27	1,900	See Note 4
GIW-11	2/16/2016	4.4	39	6	29	21	1,700	See Note 4
GIW-11	3/3/2016	5.7	40	5.2	34	15	1,600	
GIW-12	11/13/2015	4.3	21	12	56	6.5	530	
GIW-12	12/9/2015	4.2	24	10	55	6.5	470	See Note 4
GIW-12	1/26/2016	4.2	20	11	61	4.9	320	See Note 4
GIW-12	2/16/2016	5.3	20	12	60	2.6	240	See Note 4
GIW-12	3/3/2016	8	25	8.5	54	4.3	340	
GIW-13	11/13/2015	4.3	63	ND	3.2	28	2,500	
GIW-13	12/9/2015	10	58	ND	5.7	25	1,700	
GIW-13	1/26/2016	11	58	ND	6.8	22	1,500	
GIW-13	2/16/2016	13	58	ND	7.6	21	1,500	
GIW-13	3/3/2016	8.7	62	ND	7.6	21	1,700	
Flare Station <sup>2</sup>	11/3/2015	10.7	37.3	8	32.0	10.7	1,100	See Note 5
Flare Station <sup>2</sup>	12/1/2015	10.6	36.2	8.1	33.6	10.5	1000	See Note 6
Flare Station <sup>2</sup>	1/5/2016	11.2	37.6	7.7	32.1	10.7	1,000	See Note 6
Flare Station <sup>2</sup>	2/2/2016	11.8	37.7	7.8	31.0	10.9	1,050	See Note 6
Flare Station <sup>2</sup>	3/2/2016							

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of FL-100, FL-120, and FL-140. (6) Flare station gas concentration data is an average of Outlets 1 & 2. (7) Flare station gas concentration based on data from Outlet B.

ND = Analyte not detected in sample.

<sup>2</sup> = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)